

Kiran Patel

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PROFESSIONAL SUMMARY

Software Engineer with 5+ years of experience building high-performance, secure, and scalable web applications at enterprise scale. Combines backend microservices expertise with modern front-end skills in React, Redux, and responsive UI, plus a strong track record in performance optimization, deployment, and AI-assisted development workflows.

FEATURED PROJECT

Moodboard.ai | Full-Stack Creator & Lead Engineer

React, Redux, TypeScript, Google Gemini API, Vercel

- Architected and built a responsive, component-driven AI storytelling application from initial scoping through deployment and optimization.
- Integrated the Google Gemini API to process complex user inputs and generate real-time visual and text-based storytelling prompts.
- Used Cursor AI and LLM-assisted workflows to speed up prototyping, debugging, code review, testing, and documentation.
- Deployed the frontend on Vercel, improving performance, asset loading, and responsive client-server communication across devices.

TECHNICAL SKILLS

- **Frontend & Architecture:** React, Redux, Jest, JavaScript (ES6+), TypeScript, HTML5, CSS3, Modern CSS (Tailwind, Bootstrap5), Mobile-First Responsive Design
- **AI Developer Workflows:** Cursor, Claude Code, Generative AI integration, Prompt Engineering
- **Performance & Accessibility:** SEO Fundamentals, Core Web Vitals Optimization, Technical Debt Management, Accessibility Standards (WCAG Compliance)
- **Backend & API Integration:** Java, Spring Boot, Spring Cloud, RESTful APIs, MongoDB, MySQL
- **DevOps & Deployment:** Vercel, Render, AWS (EC2, S3, RDS), OpenShift, Docker, Jenkins, Git

PROFESSIONAL EXPERIENCE

Frontend Engineer | React & AI | Freelance / Self-Directed | Remote

July 2023 – Present

- Mastered enterprise-level frontend development including React, TypeScript, state management, and modern component architecture through the Meta Front-End Developer Professional Certificate.
- Built expertise in web performance, WCAG accessibility, and scalable UI architecture while earning the DeepLearning.AI Generative AI certification.
- Integrated AI tools like Cursor, GitHub Copilot, and LLMs into daily workflows to accelerate testing, prototyping, and feature delivery.
- Maintained hands-on delivery momentum through freelance projects, applying new skills in real-world builds throughout the transition.

Software Developer | USAA**Dec 2021 – July 2023**

- Partnered with frontend engineers to design API contracts that improved React consumption, reduced integration friction, and supported better user experience.
- Optimized Spring services and downstream data flows to improve UI responsiveness and reduce latency by 30%
- Automated CI/CD and maintained 95% test coverage using JUnit and Mockito, supporting stable releases.
- Led an OpenShift migration with zero downtime for downstream applications.

Software Developer | Discover Financial Services**Sep 2019 – Nov 2021**

- Modernized SOAP services into RESTful APIs to support cleaner integration with web interfaces.
- Secured client-to-server communications via stateless JWT-based authentication modules and Spring Security.
- Enhanced backend logic efficiency using Java 8 Lambdas and Stream APIs, greatly clarifying payloads passed to frontend systems.
- Debugged production issues across frontend and backend systems, reducing deployment failures by 40% through automation and pipeline improvements.

Software Developer | T-Mobile**Mar 2018 – Aug 2019**

- Built lightweight Spring microservices for loan and financing workflows, accelerating processing pipelines.
- Designed scalable relational schemas in MySQL and structured storage in MongoDB for robust data accessibility.
- Decoupled critical service steps via RabbitMQ asynchronous processing loops to enhance user experience.
- Maintained code standards and test metrics in fast-paced Agile sprint structures utilizing JaCoCo and SonarQube.

EDUCATION & CERTIFICATIONS

Education

- M.S. in Computer Science – Long Island University (May 2018)
- B.E. in Information Technology – Gujarat Technological University (May 2015)

Certifications

- [Meta Front-End Developer Certificate](#) (Specialized in React, Responsive UI, Web Performance)
- [Generative AI for Software Development](#) – DeepLearning.AI (Specialized in Cursor, AI Coding Workflows)
- [AWS Certified Developer – Associate](#)
- [Oracle Certified Associate – Java SE 8 Programmer](#)